Contents volume 17

Alonso, J.A. → Lammers, U. 203
Ansbacher, W. → Pinnington, E.H. 5
Bartschat, K., Goerss, H.-J., Nordbeck, R.-P.: Generalized STU-parameters for elastic electron scattering from thallium and lead atoms 25
Baudon, J. → Vassilev, G. 101
Bazin, D. → Bodeur, S. 291
Benninghoven, A. → Feld, H. 73
Blanke, J.H. → Pinnington, E.H. 5
Bodeur, S., Maréchal, J.L., Reynaud, C., Bazin, D., Nenner, I.: Chlorine K shell photoabsorption spectra of gas phase HCl and Cl_2 molecules 291
Borstel, G. → Lammers, U. 203
Boschan, P., Gollisch, H.: Calculation of some atomic properties by gradient corrected density functional method 127
Brack, M. → Spina, M.E. 225
Bréchignac, C., Cahuzac, Ph., Carlier, F., Leygnier, J., Hertel, I.V.: Charge exchange in alkali cluster collisions 61
Butenko, A.V., Chubakov, P.A., Danilova, Yu.E., Karpov, S.V., Popov, A.K., Rautian, S.G., Safonov, V.P., Slabko, V.V., Shalaev, V.M., Stockman, M.I.: Nonlinear optics of metal fractal clusters 283
Bužek, V.: Sub-radiation versus super-radiation from a system of a spatially distributed two-level atoms 91
Cahuzac, Ph. → Bréchignac, C. 61
Carlier, F. → Bréchignac, C. 61
Chichkov, B.N., Peter, Th.: Resonant three-body recombination 123
Chubakov, P.A. → Butenko, A.V. 283
Czub, J., Fiutak, J., Miklaszewski, W.: On the scattering of a light pulse on a single atom perturbed by collisions with inert gas atoms. III. The $S_{1/2}-P_{1/2,3/2}$ transition 163
Dangendorf, V. → Wintermeyer, G. 145
Danilova, Yu.E. → Butenko, A.V. 283
Delalić, Z., Erman, P., Källne, E.: Experimental lifetimes of the 3 *p* and 3 *d* states of neutral fluorine 87
Djeniže, S., Srećković, A., Labat, J.: Stark width and shift of singly-ionized tin spectral lines 85
Dönszelmann, A. → Veer, W.E. v.d. 159
Dy, K.S. → Singh, P.P. 309
Ekardt, W. → Penzar, Z. 69
Engelke, F. → Kowalczyk, P. 47
Erman, P. → Delalić, Z. 87
Extract of the 1988 Physics and Astronomy Classification Scheme (PACS) 77
Feld, H., Leute, A., Rading, D., Benninghoven, A., Schmid, G.: Secondary ion mass spectra of gold super clusters up to 140000 Dalton 73
Fiutak, J. → Czub, J. 163
Franzreb, K., Wucher, A., Oechsner, H.: Electron impact ionization of small silver and copper clusters 51
Friedrich, K., Seifert, G., Großmann, G.: Nuclear magnetic shielding in molecules. The application of GIAO's in LCAO-X_α-calculations 45
Frieke, B. → Matzdorf, R. 233
Geisen, H., Neuschäfer, D., Ottinger, Ch.: LIF measurement of the vibrational dependence of the $N_2(B^3\,\Pi_g)$ hyperfine splitting parameters 137
Gerz, Ch., Wilsdorf, D., Werth, G.: Measurement of the $^4He-D_2$ mass difference 119
Godone, A. → Novero, C. 33
Goerss, H.-J. → Bartschat, K. 25
Gollisch, H. → Boschan, P. 127
Grein, F. → Meier, U. 209
Grosser, J., Schnecke, A., Voigt, H.: An ab initio treatment of inelastic H + Ne collisions at low energy 251
Großmann, G. → Friedrich, K. 45
Guthöhrlein, G.H., Keller, H.P.: Doppler-free laserspectroscopic investigations of hyperfine structure in the atomic cobalt spectrum 181
Hagelberg, F., Speidel, K.-H., Tandon, P.N.: Spin exchange scattering as the most likely polarization mechanism in transient magnetic fields 17
Hagena, O.F.: Silver clusters from nozzle expansions (Rapid note) 157
Heckmann, P.H. → Pinnington, E.H. 5
Heinzmann, U. → Kessler, B. 11
Hering, P. → Vivie-Riedle, R. de 299
Hertel, I.V. → Bréchignac, C. 61
Hotop, H. → Kraft, T. 37
Huber, B.A. → Jogwich, M. 171
Jiang, Z., Jönsson, P., Larsson, J., Svanberg, S.: Studies on radiative lifetimes in the $4\,d^{10}$ ns ^2S and $4\,d^{10}$ *nd* ^2D sequences of neutral silver 1
Jogwich, M., Huber, B.A., Wiesemann, K.: A spectroscopic study of double electron transfer from Cu to Ar III in an ECR-microwave discharge 171
Jönsson, P. → Jiang Zhankui 1
Kabachnik, N.M., Lee, O.V.: Effect of intermediate coupling in angular distribution of Auger electrons 169
Källne, E. → Delalić, Z. 87
Kambara, T. → Wintermeyer, G. 145
Karpov, S.V. → Butenko, A.V. 283
Katern, A. → Kowalczyk, P. 47
Keller, H.P. → Guthöhrlein, G.H. 181
Kempter, V. → Menner, B. 237
Kessler, B., Müller, N., Schmiedeskamp, B., Vogt, B., Heinzmann, U.: Spin-resolved off-normal photoemission from xenon adsorbates in comparison with free-atom photoionization 11
Khriplovich, I.B., Pospelov, M.E.: Anapole moment of a chiral molecule 81
Kompa, K.L. → Vivie-Riedle, R. de 299
Kowalczyk, P., Katern, A., Engelke, F.: Observation and partial characterization of the $2^1\Sigma_u^+$ state in K_2 47
Kraft, T., Ruf, M.-W., Hotop, H.: Strong dependence of negative cluster ion spectra on principal quantum number *n* in collisions of state-selected Ar** (*nd*) Rydberg atoms with N_2O clusters 37
Labat, J. → Djeniže, S. 85
Lammers, U., Borstel, G., Mañanes, A., Alonso, J.A.: Electronic and atomic structure of Cs_N and Cs_NO clusters 203
Larsson, J. → Jiang Zhankui 1
Le Calvé, J. → Schmidt, M. 153
Lee, O.V. → Kabachnik, N.M. 169
Leute, A. → Feld, H. 73
Leygnier, J. → Bréchignac, C. 61
Lipparini, E., Vitturi, A.: Fission of ionized alkali metal clusters 57
Mañanes, A. → Lammers, U. 203
Maréchal, J.L. → Bodeur, S. 291
Matzdorf, R., Frieke, B., Soff, G.: Elastic nuclear scattering at intermediate and relativistic energies 233
McKellar, A.R.W. → Schaefer, J. 231
Meier, U., Peyerimhoff, S.D., Grein, F.: Ab initio MRD-CI study of neutral and charged Ga_2, Ga_3 and Ga_4 clusters and comparison with corresponding boron and aluminum clusters 209
Meijer, H.A.J.: Polarization and collision velocity dependence of associative ionization in cold $Na(3p)-Na(3p)$ collisions 257
Menner, B., Ohlendorf, G., Patorra, F., Kempter, V.: Orientation and alignment of alkali *p*-states excited in low-energy collisions of alkali ions with noble gas atoms 237
Mergl, E., Nakel, W.: Measurement of the asymmetry in the emission of bremsstrahlung by transversely polarized electrons 271
Miklaszewski, W. → Czub, J. 163
Miniatura, Ch. → Vassilev, G. 101
Missimer, J., Simons, L.M.: The photon-electron directional correlation and the weak neutral current in muonic boron 275
Mokler, P.H. → Wintermeyer, G. 145
Möller, G. → Pinnington, E.H. 5
Mons, M. → Schmidt, M. 153
Müller, N. → Kessler, B. 11
Musolino, V. → Oranges, T. 133
Nakel, W. → Mergl, E. 271
Nenner, I. → Bodeur, S. 291
Neuschäfer, D. → Geisen, H. 137
Nordbeck, R.-P. → Bartschat, K. 25
Novero, C., Godone, A.: Wavelength and isotopic shift measurements of the $^3S(3s\,4s)-{}^3P(3s\,3p)$ MgI transitions 33
Oechsner, H. → Franzreb, K. 51
Ohlendorf, G. → Menner, B. 237
Oranges, T., Musolino, V., Toscano, M., Russo, N.: Spectroscopic and electronic structure of the CuIn AgIn CuGa and AgGa diatomics 133
Ottinger, Ch. → Geisen, H. 137
Patorra, F. → Menner, B. 237
Penzar, Z., Ekardt, W.: Electronic shell structure and metal clusters: the self-consistent spheroidal jellium model. Recent results and further developments 69
Perales, F. → Vassilev, G. 101
Peter, Th. → Chichkov, B.N. 123
Peyerimhoff, S.D. → Meier, U. 209
Pinnington, E.H., Ansbacher, W., Tauheed, A., Träbert, E., Heckmann, P.H., Möller, G., Blanke, J.H.: Beam-foil lifetime study of Al-like titanium, iron and nickel 5
Popov, A.K. → Butenko, A.V. 283
Pospelov, M.E. → Khriplovich, I.B. 81

Rading, D. → Feld, H. 73
Rautian, S.G. → Butenko, A.V. 283
Reinhardt, J. → Vassilev, G. 101
Reynaud, C. → Bodeur, S. 291
Robert, J. → Vassilev, G. 101
Ruf, M.-W. → Kraft, T. 37
Russo, N. → Oranges, T. 133
Safonov, V.P. → Butenko, A.V. 283
Schaefer, J., McKellar, A.R.W.: Faint features of the rotational $S_0(0)$ and $S_0(1)$ transitions of H_2. A comparison of calculations and measurements at 77 K (Erratum) 231
Schmid, G. → Feld, H. 73
Schmidt, M., Mons, M., Le Calvé, J.: Intermolecular vibronic spectroscopy of small Van Der Waals clusters: phenol- and aniline-(argon)$_2$ complexes 153
Schmidt-Böcking, H. → Wintermeyer, G. 145
Schmiedeskamp, B. → Kessler, B. 11
Schnecke, A. → Grosser, J. 251
Schuch, R. → Wintermeyer, G. 145
Seifert, G. → Friedrich, K. 45
Sesé, L.M.: Environmental effects on molecules immersed in liquids 195
Shalaev, V.M. → Butenko, A.V. 283
Simons, L.M. → Missimer, J. 275
Singh, P.P., Dy, K.S.: Evolution of bulk-like properties in mercury microclusters 309
Slabko, V.V. → Butenko, A.V. 283
Soff, G. → Matzdorf, R. 233
Speidel, K.-H. → Hagelberg, F. 17
Spina, M.E., Brack, M.: A simple semiclassical model for ionic structure effects in large metal clusters 225
Srećković, A. → Djeniže, S. 85
Stockman, M.I. → Butenko, A.V. 283
Svanberg, S. → Jiang Zhankui 1
Tandon, P.N. → Hagelberg, F. 17
Tauheed, A. → Pinnington, E.H. 5
Toscano, M. → Oranges, T. 133
Träbert, E. → Pinnington, E.H. 5
Tserruya, I. → Wintermeyer, G. 145
Vassilev, G., Perales, F., Miniatura, Ch., Robert, J., Reinhardt, J., Vecchiocattivi, F., Baudon, J.: Collisions at thermal energy between metastable hydrogen atoms and hydrogen molecules: total and differential cross sections 101
Vecchiocattivi, F. → Vassilev, G. 101
Veer, W.E. v.d., Dönszelmann, A.: Lifetimes and perturbations of the $3d^9\ 4s\ (^3D)\ 4p$ structure in the spectrum of copper I 159
Vitturi, A. → Lipparini, E. 57
Vivie-Riedle, R. de, Hering, P., Kompa, K.L.: CARS spectroscopy of the NaH_2 collision complex: the nature of the $Na(3\,^2P)H_2$ exciplex – ab initio calculations and experimental results 299
Vogt, B. → Kessler, B. 11
Voigt, H. → Grosser, J. 251
Werth, G. → Gerz, Ch. 119
Wiesemann, K. → Jogwich, M. 171
Wilsdorf, D. → Gerz, Ch. 119
Winter, H.: Population of NaI-terms in grazing ion surface collisions 109
Wintermeyer, G., Dangendorf, V., Schmidt-Böcking, H., Kambara, T., Mokler, P.H., Schuch, R., Tserruya, I.: Search for interference structures in the quasimolecular X-ray- and *K*-vacancy production in close collisions of 462 MeV hydrogen-like Kr ions on Mo solid targets 145
Wucher, A. → Franzreb, K. 51
Zepalova, M.L.: Polarization potential in three particle theory 245

Indexed in *Current Contents*
Evaluated and abstracted
for PHYS on STN